

Mobile Client Software User Manual

(V1.1)

Thank you for purchasing Hikvision product. This manual applies to Mobile client software (direct mode), please read it carefully for the better use of this software.

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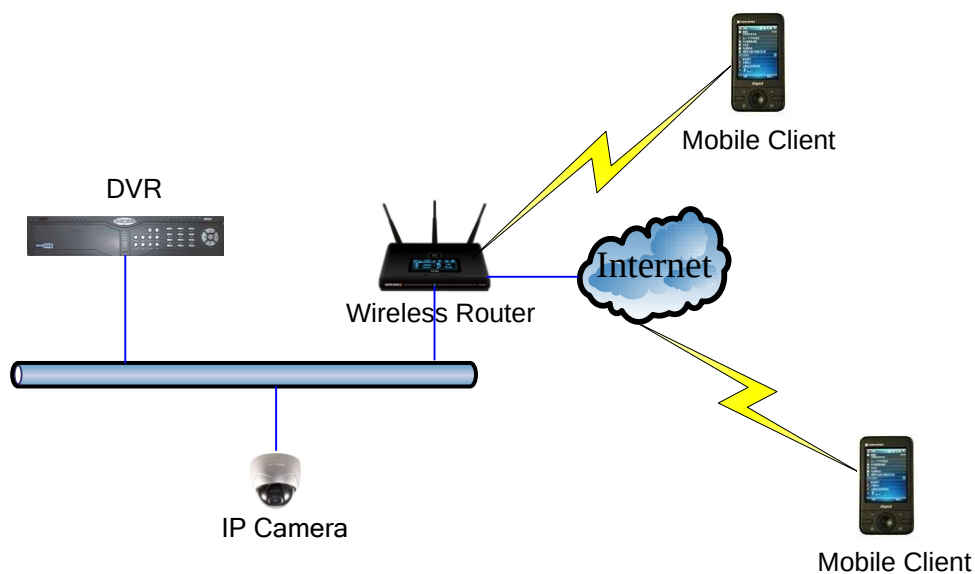
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Chapter 1 Introduction

1.1 Overview

Mobile client software (direct mode), which is base on mobile phone/PDA device, can be used to remotely view the live video that from HIKVISION's DVR, IP camera, IP speed dome and DVS via wireless network, and PTZ control can be achieved as well.



With this software installed in your mobile device, you are able to log on to the front-end device via WIFI, 2G or 3G, beside, if there is no public IP for device, it's accessible by using a dynamic name, or by forwarding ports to the public IP of router. Note: to simplified the description, we define 'Mobile client software (direct mode)' as 'mobile client' and 'DVR, DVS, IP camera, IP speed dome' as 'device'

1.2 Performance Description

Mobile Client	Stream Type	Sub stream
	Frame Type	BBP or single P
	Frame Rate	2~8FPS (depend on the performance of mobile device)
	Resolution	QCIF
	Bit Rate	32~128Kbps (depend on the network condition)

1.3 System Requirement

The HIKVISION mobile client requires a JAVA (CLDC1.0, MIDP2.0) compatible and Internet enabled (support HTTP and socket) mobile device, the available memory should not be less than 2MB while the frequency of CPU should be higher than 200MHz.

OS: Windows mobile 5.0 or later version, S60 2nd or later version

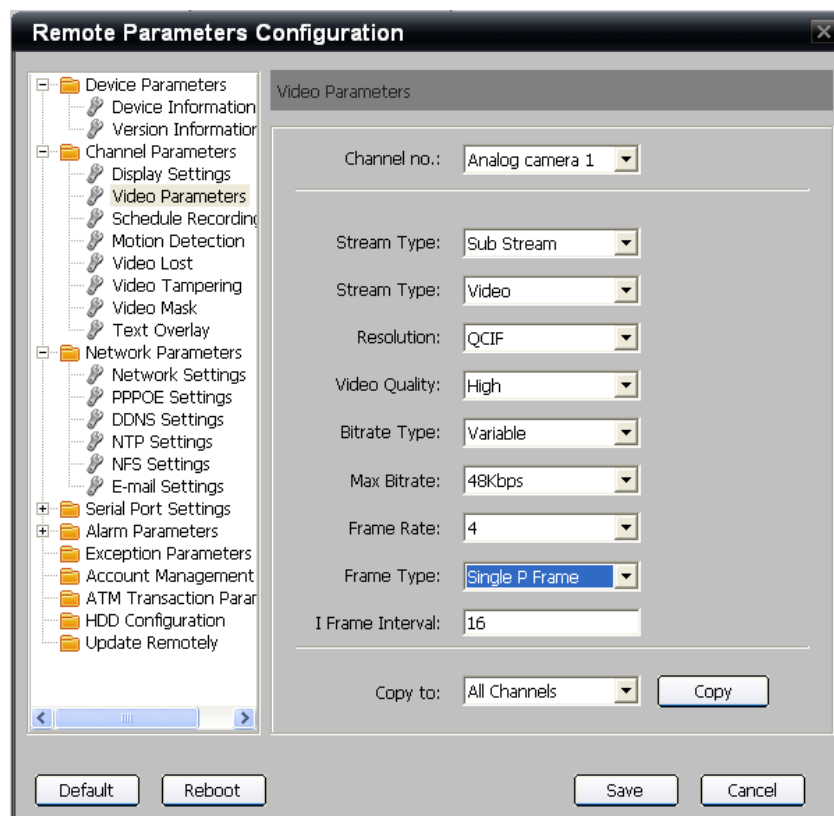
Chapter 2 Device Configuration & Software Installation

2.1 Device Configuration

The user need to configure the network parameters of device before login via mobile client, and make sure it's accessible with a public IP when login via 2G or 3G mobile network.

Mobile client is using sub stream for preview, so please ensure that the parameters have been configured properly, otherwise, you need to configure them via web server or client software. The following table includes the parameters that recommended, you also can refer to the snapshot below (enter 'remote configuration' in client software) on how to perform this task.

Items	Parameters
Type	Sub stream
Frame type	Single P frame
I frame	8~16
Frame rate	2~4
Resolution	QCIF
Max bit rate	32~64Kbps



Note: Please check whether the dual stream is available and the parameters settings are proper or not once failed to obtain live video.

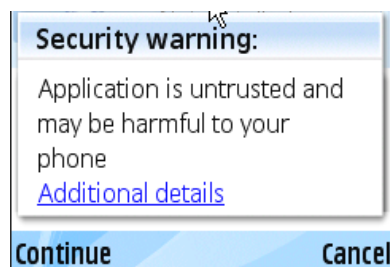
2.2 Software Installation

The installation package includes: .jad and .jar, copy these files to mobile device, after the files has been transmitted successfully, application installation continues at the mobile device.

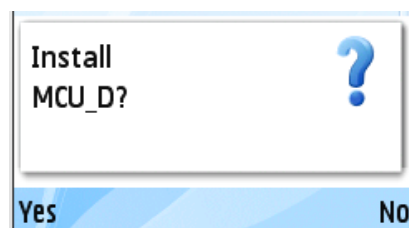
At the mobile device, when prompted to install the software, select 'YES'



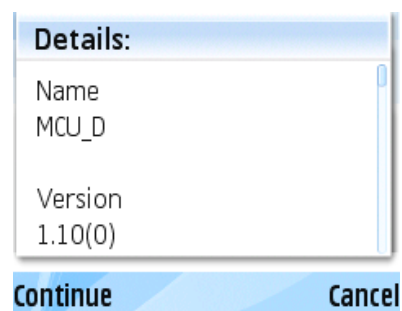
When prompted with a security warning, Select 'Continue'



Select 'Yes' to continue



An information screen appears, select 'Continue'

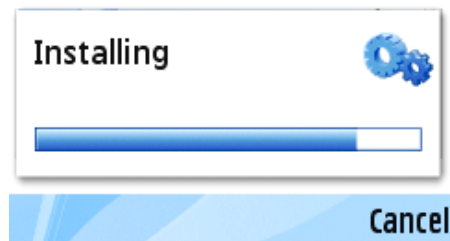


The installation directory selection will prompt, the user can select install to 'Memory card' or 'Phone memory'



Note: please ensure the memory card has not been encrypted if select memory card to install, otherwise, the mobile client could not be activated after reboot.

The progress indicator will appear in the process of installation, please wait for the installation to complete.



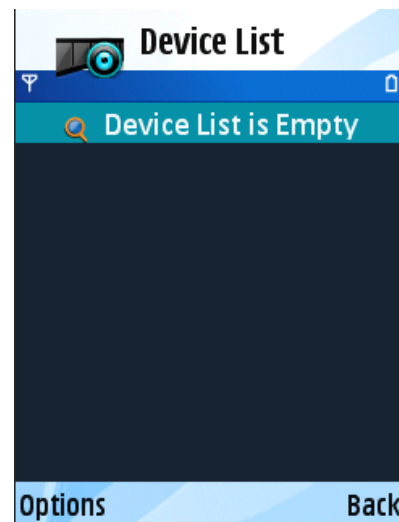
After the software has been installed successfully, the icon will be arranged in desktop, select 'Mobile Surveillance' application, the device list interface appears.



Chapter 3 Running Software

3.1 Device Management

If run this software for the first time, the device should be added, select 'Options' -> 'Device List' to enter the device list interface.

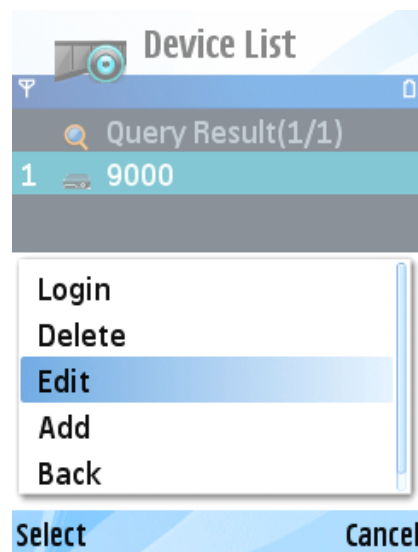


The default parameters are all empty, select 'Options' -> 'Add' to add device. Enter the device's name, IP address, port, user name and password needed to log onto the device, then select 'Save'.



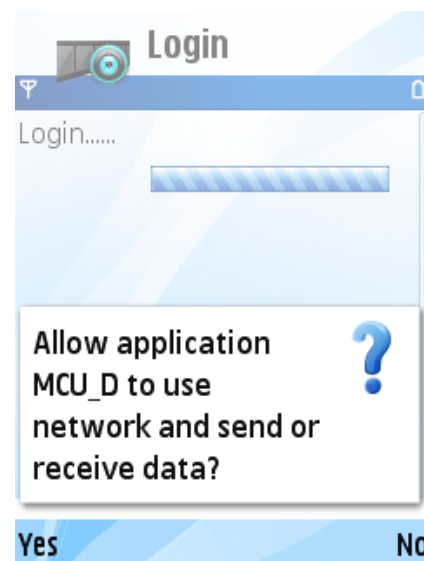
Items	Description
Device Name	The name of device that added
Device IP/Domain	Enter the public IP address or dynamic name of device
Device Port	Data port of device
UserName	User name of device
Password	Password of device
Internet Access Point	The way to access the device

After successfully add the device, it will be displayed in the list, click 'Options' and then enter 'Edit' to modify the parameters if needs, also you can delete the device from list, now, you can select 'Login' to log on to the device

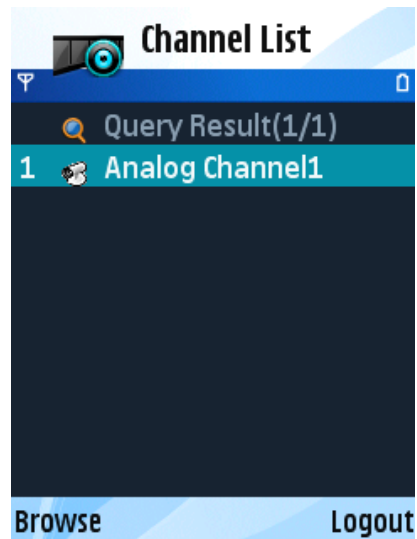


3.2 Preview

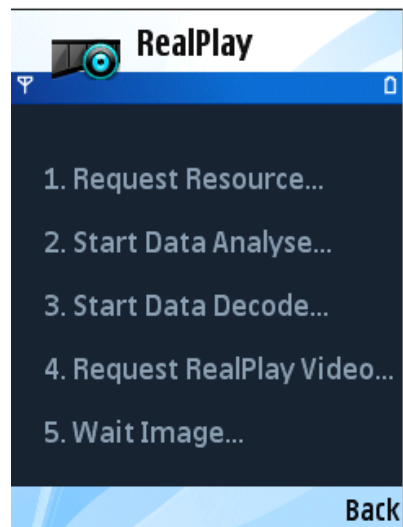
After select 'login', the login process will appear



If login the device, the channels list will be displayed in the interface, you can navigate the directional buttons to select the channel you need, press button 'left' will go to page up while press button 'right' will go to page down.



At this point, select 'Browse' will indicate the current progress



You will get the live video finally, select 'BACK' will exit preview and return to the channel list.



3.3 PTZ Control

If the camera in front-end supports PTZ function, you are able to control the PTZ remotely via mobile client, select 'PTZ' to navigate to PTZ control interface, select 'Options' and you can choose the needed action, besides, it also allows to control via numeric buttons in the mobile device.



Buttons	Description
2	Tilt up
4	Pan left
6	Pan right
8	Tilt down
*	Zoom out
#	Zoom in

Select 'Call Presets Pos' to enter presets calling interface, enter the existed presets number and select 'Confirm' achieve.

